

FORM PTO-1449

ATTY. DOCKET NO.
030691.0011.CIP2

SERIAL NO.
09/613,650

**LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT**

APPLICANT:
Kenneth F. Buechler

(Use several sheets if necessary)

FILING DATE:
July 10, 2000

GROUP:
1641

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	AA	4,233,029	11/11/80	Columbus	422	58	
	AB	4,426,451	01/17/84	Columbus	436	518	01/28/81
	AD	4,435,504	03/06/84	Zuk, et al.	435	7	07/15/82
	AE	4,727,019	02/23/88	Valkirs, et al.			05/10/85
	AF	4,756,828	07/12/88	Litman, et al.	435	7	4/12/84
	AG	4,757,004	07/12/88	Houts, et al.	435	7	03/16/84
	AH	4,857,453	08/15/89	Ullman, et al.	435	7	04/07/87
	AI	4,877,586	10/31/89	Devaney, Jr. et al.			07/27/88
	AJ	4,879,215	11/07/89	Weng, et al.	435	7	
	AK	4,883,688	11/28/89	Houts, et al.	427	285	07/05/88
	AL	4,906,439	03/06/90	Grenner	422	56	
	AM	4,916,056	04/10/90	Brown, III et al.	435	7	03/28/88
	AN	4,945,205	07/31/90	Litman, et al.	219	121	07/05/88
	AO	4,960,691	10/02/90	Gordon, et al.	435	6	09/29/86
	AP	4,963,498	10/16/90	Hillman, et al.	436	69	01/15/88
	AQ	5,006,309	04/09/91	Khalil et al.	422	56	04/22/88
	AR	5,023,054	06/91	Sato, et al.	422	82.09	11/09/89
	AS	5,028,535	07/02/91	Buechler, et al.	435	7.1	01/10/89
	AT	5,051,237	09/24/91	Grenner et al.	422	56	06/23/88

EXAMINER:

Handwritten signature

DATE CONSIDERED:

10/27/05

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant



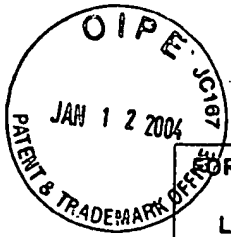
FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 030691.0011.CIP2	SERIAL NO. 09/613,650
	APPLICANT: Kenneth F. Buechler	
	FILING DATE: July 10 2000	GROUP: 1641

1	AU	5,087,556	02/92	Ertinghausen	422	56	05/17/89
	AV	5,089,391	02/18/92	Buechler, et al.	435	7.1	01/10/90
	AW	5,137,808	08/92	Ullman, et al.	422	56	07/31/89
	AX	5,458,852	10/17/95	Buechler	422	58	05/21/92
	AY	5,885,527	3/23/99	Buechler	422	58	5/23/95
2	AZ	6,019,944	02/01/00	Buechler	422	58	05/23/95

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
RX	BA	0212314	03.04.87	EPO (Allen, et al.)	3	00		
RX	BB	0348006	27.12.89	EPO (Greener, et al.)	3	00		
RX	BC	0418765	21.03.91	EPO (Vonk)	33	543		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
RX	BD	Cambridge Dictionary of Science and Technology. Walker, editor, 131 (1988) (Reprinted 1990)
RX	BE	Dill, "Dominant Forces in Protein Folding", <u>BIOCHEMISTRY</u> 29(31): 7133 (1990)
RX	BF	Frens, "Controlled Nucleation for the Regulation of the Particle Size in Monodisperse Gold Suspensions," <u>Nature Physical Science</u> 241:20-22 (1973)
RX	BG	Laibinis, et al., "w-Terminated Alkanethiolate Monolayers on Surfaces of Copper, Silver, and Gold Have Similar Wettabilities" <u>J. AM. CHEM. SOC.</u> , 1992:114 (1990-1995)
RX	BH	Lou, et al., "One-Step Competitive Immunochromatographic Assay for Semiquantitative Determination of Lipoprotein(a) in Plasma" <u>CLINICAL CHEMISTRY</u> , 39(4) 619-624 (1993)
RX	BI	Myer, D., Surfaces, Interfaces, and Colloids: Principles and Applications, 94-99 (1991)

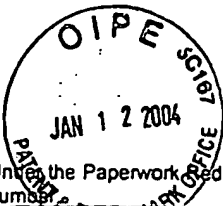
EXAMINER: <i>Alexander</i>	DATE CONSIDERED: 10/27/05
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	



FORM PTO-1449		ATTY. DOCKET NO. 030691.0011.CIP2	SERIAL NO. 09/613,650
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT: Kenneth F. Buechler	
		FILING DATE: July 10, 2000	GROUP: 1641

R	BJ	Ross et al., "Thermodynamics of Protein Association Reactions: Forces Contributing to Stability" <u>BIOCHEMISTRY</u> 20(11): 3096 (1981)

EXAMINER: <i>Alexander</i>	DATE CONSIDERED: <i>6/27/05</i>
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	



MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/613,650
		Filing Date	07/11/2000
		First Named Inventor	Kenneth F. Buechler, Ph.D.
		Group Art Unit	1743
		Examiner Name	
(use as many sheets as necessary)		Attorney Docket Number	071949-1307
Sheet	1	of	2

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
A	A1	4,591,570		Chang	05-27-1986	
	A2	4,695,554		O'Connell et al.	09-22-1987	
	A3	4,829,010		Chang	05-09-1989	
	A4	4,859,613		Lawrence	08-22-1989	
	A5	4,911,782		Brown	03-27-1990	
	A6	4,978,503		Shanks et al.	12-18-1990	
	A7	5,155,212		Dubler et al.	10-13-1992	
	A8	5,202,268		Kuhn et al.	04-13-1993	
	A9	5,486,335		Wilding et al.	01-23-1996	
	A10	5,766,961		Pawiak et al.	06-16-1998	
	A11	5,922,615		Nowakowski et al.	07-13-1999	
	A12	6,156,270		Buechler	12-05-2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
XX	A13	EP	0 695 941		Affymetrix, Inc.			
XX	A14	WO	94/09366		Abbott Laboratories	04-28-1994		
XX	A15	WO	97/00442		The University of Washington	01-03-1997		
XX	A16	WO	97/02357		Affymetrix Inc.	01-23-1997		

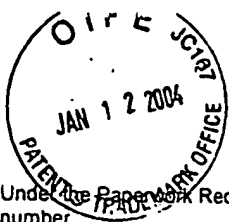
NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume:issue number(s), publisher, city and/or country where published.		T ⁶
R	A17	Phadke, "Biosensors and enzyme immobilized electrodes." Biosystems, 27:203-206, 1992.		

Examiner Signature	<i>Alexander</i>	Date Considered	10/27/05
--------------------	------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.



MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	09/613,650
Sheet		Filing Date	07/11/2000
2	of	2	First Named Inventor
		Group Art Unit	1743
		Examiner Name	
		Attorney Docket Number	071949-1307

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
A	A18	Rogers et al., "biosensors for environmental monitoring." Biosensors & Bioelectronics, 7:317-321, 1992.	

Examiner Signature		Date Considered	10/27/05
--------------------	--	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.